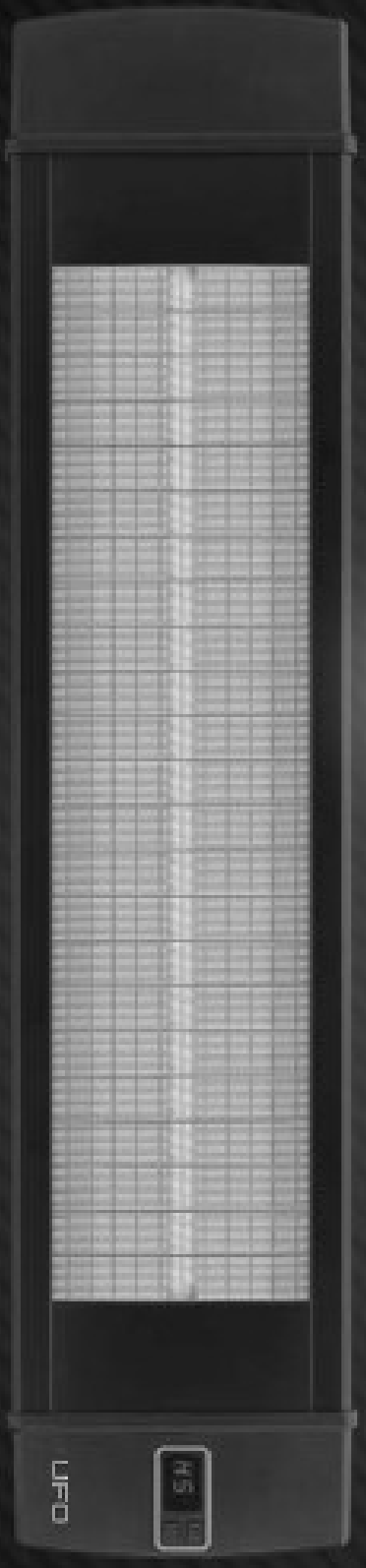

BLACK LINE

- USER MANUAL & CERTIFICATE OF WARRANTY

ufotr.com

Distinguished Customer,

This manual has been designed for our UFO Black Line models.
You have purchased a high quality, efficient and original UFO-IR Infrared Heater.
We would like to express our gratitude to you for your appropriate choice and confidence in UFO.
Please read this manual thoroughly in order to attain a sustainable satisfaction with your heater.
Please stick to the items in "Safety Instructions" section with strict observance.
Appropriate installation, operation and maintenance are of great importance for the security of you and of those who are to benefit from the heater.
Please keep this Manual in a safe place for future reference and urgent needs.
We wish you to enjoy your new UFO Heater for better days and times…

All UFO brand products have CE certificate.

Center: UFO Ifl›kla Is›tma Sistemleri San. ve Tic. Ltd. fit
Akçaburgaz Mah. 72. Sok. No:17 K:2
Esenyurt / ‹stanbul

Factory: UFO Ifl›kla Is›tma Sistemleri San. ve Tic. Ltd. fit
Akçaburgaz Mah. 72. Sok. No:17
Esenyurt / ‹stanbul

www.ufotr.com

1. SAFETY

1.1 Safety Instructions (A + B)

A – Electrical Connection Safety

- Check whether your appliance and power cord are damaged before operating your appliance.
- Check whether there is any crack, disjoint or scratch on the filament (heating tube). If any, contact with your authorized technical service.
  If your appliance or power cord is damaged, do not operate your appliance and return it to your technical service.
- Make sure that the main electricity circuit is 220-240V and 50-60Hz and the connection is fused.
- Check the safety of the network. The fuse must be 16 A.
- Do not use your UFO heater together with another appliance plugged to the same multiple sockets or connected to the same fuse.
- Use your appliance with a properly earthed plug.
  The earthed plug must fall outside heating field and hot surface.
  The device shall not be used below the power socket.
- The power cord must not be left on or around the frame of your UFO appliance.
- Unplug your appliance when you won't operate it for a long term or will conduct cleaning or maintenance.
- If the device is assembled to spaces such as bathroom, care should be taken to assemble the device so that people having shower cannot contact with the device and control buttons.
- Group plugs cannot be used as distribution boxes due to overheating, fire protection and safe use.

See Fig. 1-2 (P. I)

B – Safe distances required for installation, high temperature and fire protection

- Never install your appliance on a combustible surface (plastics, nylon, carton etc.)
- For wall mounting, there must be a 1,8 m (6 feet) distance from your appliance to the ground. For ceiling mounting, there must be a 2,4 m (6 feet) distance from your appliance to the ground. See Fig. 8-a, 8-b (P.I)
- For both horizantal and vertical mounting on the wall, there must be a min. distance of 0,4 m (1,5 feet) between the appliance and the ceiling. See Fig. 8-a, 8-b and Table 1 (P.I)
- The distance from your appliance from the corners should be; min. 0,4 m (1,5 feet) for vertical usage and min. 0,5 m (2 feet) for horizantal usage. See Fig. 8 , Table 1 (P.I)
- When installed to the ceiling, there must be a distance of 0,5 m between corners and the appliance.See Fig. 8-c (P.I)
- The distance of your appliance from the living beings is to be min 1m. (3 feet)
- The distance from the front side of the heater to materials such as wood, carton, cloth etc., must be min 1 m. (3 feet)
- Do not cover your appliance and do not hang any clothing over the heater or do not place any clothing on or near the appliance.
- Do not stick anything into the protective grid.
- Do not make use of your heater to light up cigarette or similar materials.
- Supervision is needed when this product is used anywhere near children. The appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely.

WARNING – TO REDUCE THE RISK OF FIRE

1) Do not place any objects such as furniture, papers, cloths, and curtains closer than 1m (3 feet) to the front of the heater and keep them away from the sides and rear when the heater is plugged in.

2) Do not place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater.

3) Always unplug the heater if it is not being used.

4) Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be $2mm^2$ (14 AWG) minimum size and rated not less than 3000 watts.

5) Do not operate within 7.6m (25 feet) of flammable material (gasoline, alcohol etc.)

- Never block the front grill of the heater.
- Never attempt to service the heater without disconnecting its power source.

Tic. Ltd. fiti.

1.2 Safety Instructions (C + D + E)

Tic. Ltd. fiti.

C – The distance from bath tub, washbasin or other sanitary installations

You may operate your heater in the bathroom and outdoors considering the items below:

- The distance of your appliance from bath tub, washbasin or other sanitary installations is to be min 0.6 m.(2 feet) The distance of 1 m (3 feet) is recommended for more safety. See Fig.9 (P.I)
- The distance of the earthed plug from bath tub, washbasin or other sanitary installations must be min 0.6 m.(2 feet) 1 m (3 feet) distance is recommended for more safety.

D – Cleaning and Maintenance Instructions (see page 5-6)

- Unplug your heater first. Never pull your power cable to unplug your heater.
  See Fig. 3 (P. I): Never pull your power cable to unplug your heater
  See Fig. 4 (P. I): Unplug power cable

E – Repair and Service (see page 6)

- Attention! Only technical services and persons authorized by UFO may serve, repair and replace the parts of this heater.

Distinguished Customer;
Please read safety instructions carefully for the security of you, your family and your belongings before operating your appliance.

2. IP Feature

UFO Black Line Heaters Have IP Feature

IP (Ingress Protection) code in a product is a coding system defined for indicating protecting levels provided by a case against access to dangerous section, entry of foreign materials and water and for providing additional information about such protection. Protection class number, the IP, is referred using a two digit number (IP XY). First digit (X) indicates protection against gross particles (and of course against people) and second digit refers to protection against fluids. In general, the higher the digit is, the more protection provided to the product.

UFO Black Line heaters have IP certificate. IP34 refers that they provide protection against large objects (hand tool) with diameter over 2.5 mm and against water spilling from any direction.

Electrical components of Black Line UFO heaters manufactured in accordance with IP34 protection class are insulated. Due to said features, they are safely used in exterior environment.

IP34 logofound on on outdoor UFO products refers that such products can be safely used under rain in exterior environment. IP34 logo is marked on the box packages of UFO heaters with IP34 protection. UFO heater products without IP34 logo are not featuring IP protection, in other worlds, they do not meet outdoor UFO Heater specifications.

3. INSTALLATION

3.1 Installation Instructions

Attention! The appliance must be installed on the solid surfaces like concrete, wood or metal etc.

Never install on flammable surfaces! (plastics, nylon vinyl etc.)
See pages I-II to come up with the most appropriate installation method for your UFO.
UFO Black Line can be used horizantally or vertically, but for a higher heating efficiency we recommend horizantal usage.
1- Considering the horizantal and vertical usage of the heater, drill four 8 mm diameter holes on the wall to the place where the unit will be installed, with the distances shown in Fig 5-a and Fig. 5-b (P.I)

NOTE: In case of vertical installation, be sure that LED screen on your Black Line heater is downwards. Otherwise it will give an error signal 'Er' and will not work.

2- Insert the 8 mm diameter wall plugs,supplied with the unit, into the holes.
3- Mount two of the L shaped legs on the wall using the 5x40 screws supplied with the unit. (Fig. 5-a, 5-b) (P. I)
4- Mount the other L legs on the unit using the six M5 screws and the small wrench as shown in (Figure-6) (P. I) (corresponding nuts are already built in on the body of the unit)
5- Mount and fix the L shape legs on the wall and on the unit respectively,using the M8x13 bolts and nuts and the washers as shown in (Figure-7) (P. I) and tighten by using the wrench supplied.
6- Depending on the area to be heated the angle of the unit can be adjusted between 0-45 degrees by the help of M8 bakelite head bolt and nut fixture. (Figure-11) (P. II)
7- The heater can be mounted on the ceiling. See Fig.8-c (P. I)
Warning! In case of an installation on the ceiling the heater may discolour the surface depending on the surface material.
8- Before operating the unit joints should be checked once again.

See Fig. 5-6-7-8 (P. I)

3.2 Installation Instructions Position + Distance

Please see Fig. 8-a, 8-b, 8-c and Table 1 (P.I) for minimum safety distances in case of horizantal and vertical installations.
For minimum distances from coverage area and other objects please see Fig. 9 (P.I)

3.3 Installation Instructions with Right and Wrong Positions

DIRECT YOUR HEATER TOWARDS THE MOST APPROPRIATE ANGLE

Do not let the light out through window, glasses etc. as the heater primarily heats the locations onto which its light falls.

See Fig. 10 (P. II)

WARNING: UFO Black Line is equipped with electronic sensors against the risk of tipping over in case of faulty installation. If the heater tips over more than 45º angle in horizantal and vertical directions, it will turn off the power by giving an error signal. In this case, unplug the power cable and then plug it again in order to operate your device.

Never carry or direct your heater while it is operating. Before carrying and directing your heater, be sure that it is unplugged and cool enough to touch.

Please note that in case of vertical installation, LED screen should be downwards. Otherwise it will give an error signal and will not operate. In this case unplug your heater and repeat the installation regarding the position of LED screen.

4. Application Fields

Application fields of Black Line models. See Table 2 (P. III)

5. Technical Information – Heating Area

See Table 3 (P. IV)

6. Operating Instuctions

6.1 Definitions of the Buttons on the Remote Control

The functions of your heater may be controlled via the buttons on your remote control and LCD screen. You may also control some of the functions of your heater through the buttons on the front side of the heater.

Remote Control

1. On / Off
   Switches on or off the heater or stands it by.
2. +- /(Program Up / Down)
   Adjusts program settings..
3. Clock
   Sets the time.
4. Timer On
   Switches on the heater when it is in stand by mode.
5. Timer Off
   Switches off the heater to stanby mode at a preset time.
6. Sleep
   Swithes off the heater to stanby mode at a preset time.
7. Everyday
   Operates the heater on preset parameters everyday.
8. Cancel
   Cancels all settings.
9. LCD (Liquid Cristal Display)
   Displays the settings of the remote control and related indicators.

Warning! Insert the batteries of your remote control

See Fig. 13-14 (P. V)

6.2 Definition and Functions of the Indicators on the Remote Control

See Table 4 (P. V)

6.3 Operation of the Remote Control

Inserting Batteries

Insert 2 AAA/ Alkaline type batteries into your Remote Control.

1- Flip the backside of your remote control and pull out battery cover. Insert the batteries in accordance with the instructions and polarity of the batteries.
2- Change the batteries in the same way depicted above.

NOTICE:
1- Replace the old batteries with the same type batteries. Otherwise, your heater may not function well.
2- Pull out the batteries in case of long terms of disuse to prevent leakage which may impair your remote control.

The screen of the remote control starts functioning after inserting the batteries. UFO logo and flashing clock indicator starts appearing on the screen.

Power mode indicator (mode1) starts functioning after pressing On / Off button.

See Fig 14 (P. V)

Power Mode Adjustment
Press/ buttons to adjust the power mode of your heater. Time settings are to be conducted for the rest of the functions to operate.

Time Settings
Adjusting the time
Press Clock button.
Press/ buttons to set hour and minutes. Press Clock button to save your settings.
Press Cancel button to cancel time settings.

NOT: Repeated presses on the buttons will gear the speed of buttons and intervals with the presses will slow down the process.

On / Off Time
Warning! The time is to be set precisely and the heater is to be operating before using On / Off time function.

On Time Settings
Press Timer On button. Press / buttons to set hour and minutes. Press Timer On button to save your settings.

Off Time Settings
Press Timer Off button.
Press/ buttons to set hour and minutes.
Press Timer Off button to save your settings.

Sleep Timer Settings
Warning! The time is to be set precisely and the heater is to be operating before using Sleep Timer function.
Press Sleep button.
Press/ buttons to set sleep time from 1 to 12 hours.
Press Sleep button to save your settings.
Remaining time will appear on the screen.

Note:
Press Cancel button to cancel all time settings. The settings will recede unless you press (Clock, Timer On, Sleep ve Timer Off) necessary button to save your time settings in 20 seconds.
Press Cancel button to cancel all kinds of time settings.
Repeated presses on the buttons will gear the speed of buttons and intervals with the presses will slow down the process.
Press Cancel button with the intervals of 3 seconds to cancel all settings of your remote control.
Set your Sleep timer again in case of turning off and on the heater.
Once you set your On/Off time, such functions will operate in daily set times.
The heater is to be in stand-by mode to operate On timer.
Clock and UFO logo keeps functioning in Stand by mode.

6.4 Manual Operation

Control through the main module on the heater:

HO indicator appears on the screen when the heater is switched on and it is in stand by mode.

The 1st digit on the screen illustrates H symbol while 2nd digit illustrates power level mode from 1 to 5.

The button number 1 on the heater functions as ON / OFF. The heater starts operating at the power level mode at which it has been switched off.

Press the button number 2 on the heater to adjust power mode.

H0 appears on the screen when pressed ON / OFF button and the power level mode (H1, H2, H3, H4 and H5) is adjusted through the buttons on the remote control.

Press ON / OFF button on the remote control or the heater itself to switch off the heater.

The heater starts functioning in stand by mode after electricity cut.

LED keeps flashing in case of a program set by remote control.

Buzzer signal is given following each command.

See Fig. 12 (P. IV)

7. Cleaning and Maintenance Instructions

Maintenance

Attention! Careful and regular maintenance of UFO Infrared Heater considering our instructions assume great importance so as to attain a long and efficient operation of your appliance.

1- Check the filthiness of the Reflector and IR – Filament at least once a month. If necessary, apply cleaning and maintenance instructions.

2- The number of checks may be increased considering the amount of the dust in the environment.

3- Check the deformation of the Reflector, Wire and Frame visually while cleaning the appliance. In case of any deformation, consult to your technical service.

4- Check the Power Cord and Plug visually while cleaning the appliance. In case of any deformation, consult to your technical service.

5- It is recommended to change the Reflector every 2 years for the purposes of more efficient operation of your appliance.

Cleaning

Attention! Regular and careful cleaning helps your UFO Heater operate for longer years and more efficiently.

1- Unplug your power cord for your safety before cleaning your appliance. Make sure that the power is off for your safety. Power cord plug must be unplugged.

2- Outer surface of the device must be cleaned by a soft cloth or by a smooth brush. Soft cloth can be damp and a suitable grease - dirt remover solution which will not cause scratches can be used. After the cleaning, it should be dried with a soft cloth without leaving a trace.

3- If it is possible, clean the reflector and the filament with dry air externaly. If not, please consult to an UFO technical service or to experts authorized by UFO.

8. Technical Service

Attention!
Only technical services and persons authorized by UFO may serve, repair and replace the spare parts of this heater.

Points to be considered before shipping the product to the technical service:

1- Make sure that the plug, to which the appliance is connected, has power, check the fuse and power cord. If the plug lacks power, consult to an electrician.

2- Make sure that the appliance has been installed in accordance with the instructions in the manual. If the installation is inaccurate, consult to technical service.

Call the dealer to get service

8.1 Original Filament Definition

* Original filament (heating element or heating glass tube) bears UFO logo embossed on quartz glass using laser technology.

** Original filament (heating element or heating glass tube) bears markings indicating model and type of UFO filament as well as serial number on the barcode plate.

*** Original spare parts should be used to ensure long life and efficient operation of the device.

**** Devices serviced using non-original spare parts are out of warranty.

9. Terms of Warranty

Warranty by UFO does not cover the defects arising out of the improper use the appliance. The warranty does not cover the situations below:

1- The damages and defects arising out of improper use.
2- The damages and defects having occurred during the transportation after the delivery of the product to the customer by the company.
3- The damages and defects arising out of low or excessive voltage, ungrounded plug usage, faulty electricity systems, operating the appliance in different voltage values other than specified in the instructions.
4- The damages and defects arising out of fire and lightening.
5- The damages and defects arising out of repairs and maintenance by persons other than Authorized Services.
6- The defects arising out of the breach of the instructions in the manual.
7- The damages and defects arising out of the transportation of the product instead of repair.

Attention! Faulty maintenance and cleaning are not covered by the warranty.

1- The dust and polluters in the environment.
2- Damage in the reflector or filament due to faulty cleaning.
3- Faulty installation or dismantlement.
4- Operating with damaged filament, frame or power cord.

Above mentioned defects and services are not covered by the warranty.

Should this product be proven defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as provided by the terms of this warranty. Under no circumstances shall UFO be liable for any loss or damage, direct, consequential, or incidental, arising out of the use of or inability to use this product.

This warranty will be voided if the certificate of warranty lacks the stamp and signature of the supplier as well as the date of purchase.

This warranty will become void if the serial number (if applicable), model number identification, or brand have been wholly or partially removed or erased.

All UFO brand products have CE certificate.

CE

PRODUCER

UFO IfiIKLA ISITMA S‹STEMLER‹
SAN. VE T‹C. LTD. fiT‹.
Akcaburgaz Mah. 72. Sok. No:17
Esenyurt / ‹stanbul
Mamara Kurumlar VD: 685 039 38 83
Tel: (0212) 886 30 00

This symbol on the product or its packaging indicates that the appliance cannot be treated as normal domestic trash, but must be handed in at a collection point for recycling electric and electronic appliances.

Your contribution to the correct disposal of this product protects the environment and the health of your fellow men. Health and the environment are endangered by incorrect disposal. Further information about recycling of this product can be obtained from your local town hall, your refuce collection service, or in the store at which you bought the product.